

WHAT IS CLAIMED IS:

1. A method of preventing scratching of land surfaces of a spray nozzle comprising the steps of:
 - providing a spray nozzle having a land surface; and

5 plating the land surface of the spray nozzle with a material, wherein the material is impregnated with a lubricating material.

- 2. The method as recited in claim 1, wherein the material is nickel.
- 3. The method as recited in claim 1, wherein the lubricating material is PTFE.
- 10 4. The method as recited in claim 1, wherein the material is one selected from the group consisting of titanium nitride, titanium carbonitride, titanium aluminum nitride, chromium nitride, zirconium nitride, black oxide and modified tungsten disulfide.
- 5. The method as recited in claim 1, wherein the spray nozzle is formed of a stainless steel.
- 15 6. The method as recited in claim 1, wherein the spray nozzle comprises a threaded portion.
- 7. The method as recited in claim 1, wherein the spray nozzle is a liquid spray nozzle.
- 20 8. A spray nozzle comprising:
 - a housing;
 - an inlet orifice;
 - an outlet orifice;
 - a lumen connecting the inlet and outlet orifices;

25 a land surface adjacent the inlet orifice; and

a lubricious plating formed at least on said land surface.

- 9. The spray nozzle of claim 8, wherein the lubricious plating is formed of a material having wear resistance, scratch resistance, anti-galling, and anti-adhesion properties.
- 30 10. The spray nozzle of claim 8, wherein the lubricious plating is formed of nickel.

11. The spray nozzle of claim 10, wherein the lubricious plating is impregnated with PTFE.
12. The spray nozzle of claim 8, wherein the lubricious plating is selected from the group consisting of titanium nitride, titanium carbonitride, titanium aluminum nitride, chromium nitride, zirconium nitride, black oxide and modified tungsten disulfide.
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13. The spray nozzle of claim 12, wherein the lubricious plating is impregnated with PTFE.
14. The spray nozzle of claim 8 formed of a stainless steel.
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15. The spray nozzle of claim 8, wherein the housing includes a portion having threads thereon.
16. The spray nozzle of claim 15, wherein the threads are plated with the lubricious coating.
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17. An improved spray nozzle of the type having a housing, an inlet orifice, an outlet orifice, a lumen connecting the inlet and outlet orifices and a land surface adjacent the inlet orifice, wherein the improvement comprises a lubricious plating formed on at least said land surface.
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18. The spray nozzle of claim 17, wherein the lubricious plating is formed of a material having wear resistance, scratch resistance, anti-galling, and anti-adhesion properties.
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19. The spray nozzle of claim 17, wherein the lubricious plating is formed of nickel.
20. The spray nozzle of claim 19, wherein the lubricious plating is impregnated with PTFE.
21. The spray nozzle of claim 17, wherein the lubricious plating is selected from the group consisting of titanium nitride, titanium carbonitride, titanium aluminum nitride, chromium nitride, zirconium nitride, black oxide and modified tungsten disulfide.
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22. The spray nozzle of claim 21, wherein the lubricious plating is impregnated with PTFE.
23. The spray nozzle of claim 17 formed of a stainless steel.

24. The spray nozzle of claim 17, wherein the housing includes a portion having threads thereon.
25. The spray nozzle of claim 24, wherein the threads are plated with the lubricious coating.

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